

UNIT DISTRIBUTION

YEAR ONE				
SEMESTER ONE				
S. No	COURSE CODE	COURSE TITLE	Duration In Hours	Credit Factor
1	ENG/CU/CET/BC/01/6/A	Communication Skills	40	4
2	ENG/CU/CET/BC/05/6/A	Environmental Literacy	40	4
3	ENG/CU/CET/BC/06/6/A	Occupational Safety and Health	40	4
4	ENG/CU/CET/CC/01/6/A	Applied Mathematics	80	8
5	ENG/CU/CET/CC/04/6/A	Material Science	90	9
6	ENG/CU/CET/CR/08/6/A	Water resource quality management	60	6
TOTAL			410	410

YEAR ONE				
SEMESTER TWO				
S. No	UNIT CODE	COURSE TITLE	Duration In Hours	Credit Factor
1	ENG/CU/CET/BC/02/6/A	Digital Literacy	60	6
2	ENG/CU/CET/BC/03/6/A	Entrepreneurial Skills	100	10
3	ENG/CU/CET/BC/04/6/A	Employability Skills	80	8
4	ENG/CU/CET/CC/05/6/A	Workshop technology practices	130	13
5	ENG/CU/CET/CC/03/6/A	Structural design and analysis	70	7
6	ENG/CU/CET/CC/02/6/A	Technical Drawing	60	6
TOTAL			440	44

YEAR ONE				
SEMESTER THREE				
S. No	UNIT CODE	COURSE TITLE	Duration In Hours	Credit Factor
1	ENG/CU/CET/CC/07/6/A	Water and wastewater technology	120	12
2	ENG/CU/CET/CC/08/6/A	Water resources, water services and sanitation management principles	120	12
3	ENG/CU/CET/CR/06/6/A	Building drawings	200	20
4	ENG/CU/CET/CC/05/6/A	Workshop technology practices	130	13
TOTAL			440	44

YEAR TWO				
SEMESTER ONE				
S. No	UNIT CODE	COURSE TITLE	Duration In Hours	Credit Factor
1	ENG/CU/CET/CR/02/6/A	Highway Survey	190	19
2	ENG/CU/CET/CR/03/6/A	Designing pavement structures	120	12
3	ENG/CU/CET/CR/04/6/A	Road construction works	150	15
TOTAL			460	46

YEAR TWO				
SEMESTER TWO				
S. No	UNIT CODE	COURSE TITLE	Duration In Hours	Credit Factor
1	ENG/CU/CET/CR/05/6/A	Design of engineering structures	220	22
2	ENG/CU/CET/CR/10/6/A	Construction of wastewater infrastructure	180	18
3	ENG/CU/CET/CR/11/6/A	Designing onsite sanitation facilities	80	8
TOTAL			480	48

YEAR TWO				
SEMESTER THREE				
S. No	UNIT CODE	COURSE TITLE	Duration In Hours	Credit Factor
1	ENG/CU/CET/CR/09/6/A	Design of wastewater collection and treatment infrastructure	200	20
2	ENG/CU/CET/CR/07/6/A	Building works	200	20
3	ENG/CU/CET/CC/06/6/A	Measurement of works and cost estimation	80	8
TOTAL			480	48

YEAR THREE				
SEMESTER ONE				
S. No	UNIT CODE	COURSE TITLE	Duration In Hours	Credit Factor
1	ENG/CU/CET/CR/01/6/A	Material Testing	150	15
2	ENG/CU/CET/CR/13/6/A	Civil engineering project management	120	12
3	ENG/CU/CET/CR/12/6/A	Construction of onsite sanitation facilities	80	8
TOTAL			350	35